

Fig-2B

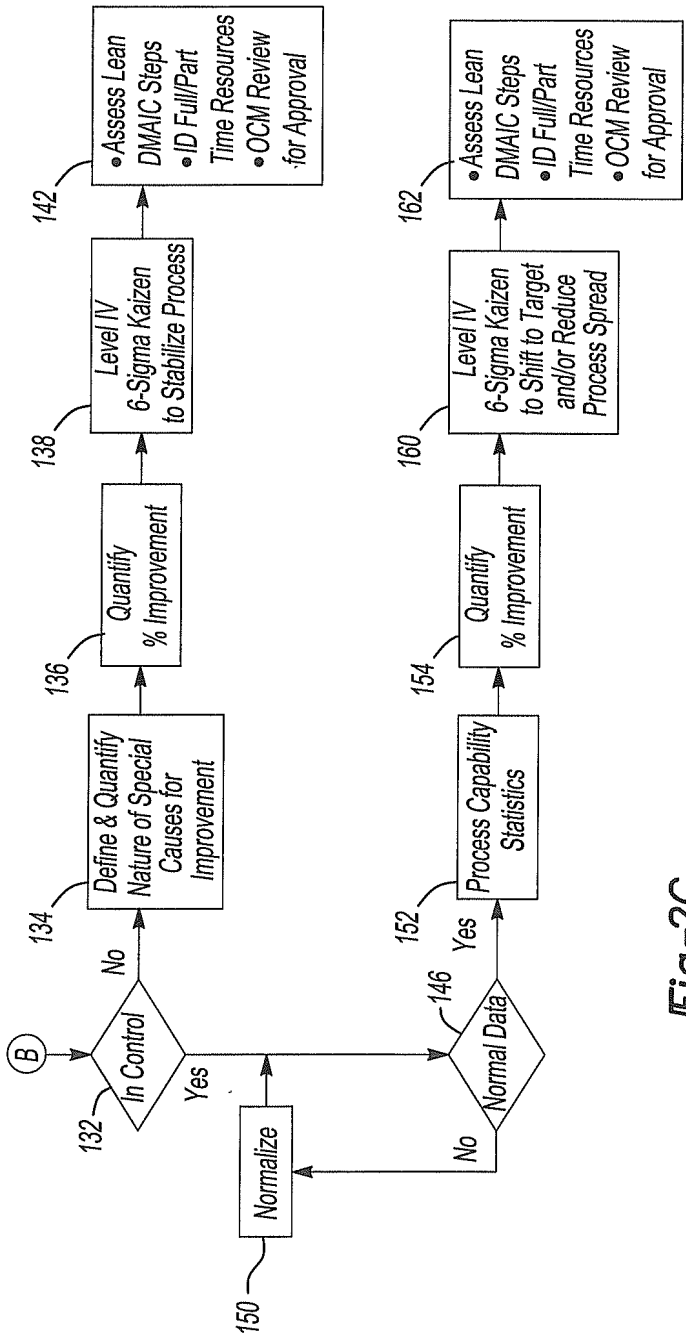


Fig -2C

6-Sigma Kaizen Level 2 Daily Deliverables

Monday (Day 1) Define	Tuesday (Day 2) Measure	Wednesday (Day 3) Analyze	Thursday (Day 4) Improve	Friday (Day 5) Control
Start Date: <input type="checkbox"/> Review Problem Statement w/defect(s) (Standards & process) <input type="checkbox"/> ID Customers/CTQs <input type="checkbox"/> Estimate Customer Satisfaction/COPQ Impact <input type="checkbox"/> Review Work Instructions <input type="checkbox"/> VOC/SDS/NOP Benchmark <input type="checkbox"/> $Y=f(x)$ <input type="checkbox"/> ID KPOV Metrics (QPS/SDS>Ys) <input type="checkbox"/> Define "Y" Operation Definition <input type="checkbox"/> Review & ID 7 Types of Waste <input type="checkbox"/> Review Value Stream Map <input type="checkbox"/> Access Waste Elimination Tools <input type="checkbox"/> ID Project Scope ($Y=f(x)$) <input type="checkbox"/> Create Project Timeline <input type="checkbox"/> Daily Deliverables & Project Champion Approval	Start Date: <input type="checkbox"/> Brainstorm KPIVs (Xs) <input type="checkbox"/> 7TW/SS/PM/QCO/QPS Correlation, Regression, or Screening DOE <input type="checkbox"/> Develop Measurement System <input type="checkbox"/> Develop Data Collection Plan <input type="checkbox"/> Analyze & Validate Measurement System <input type="checkbox"/> Perform or Review FMEA <input type="checkbox"/> Collect Data <input type="checkbox"/> Establish SPC & Baseline DPMO/Sigma Level <input type="checkbox"/> ID Lean & Project Objectives <input type="checkbox"/> Review of Daily Deliverables & Project Champion Approval	Start Date: <input type="checkbox"/> Analyze KPIVs & Correlate to Y's <input type="checkbox"/> Develop the Should be Process Map & Future Value Stream Map (QPS/WES) <input type="checkbox"/> Root Cause Analysis (Hypothesis Testing) <input type="checkbox"/> Error Proof (EP) Opportunities for KPIVs <input type="checkbox"/> Define Performance Objectives <input type="checkbox"/> Review of Daily Deliverables & Project Champion Approval	Start Date: <input type="checkbox"/> Diagnose KPIVs & Y Performance (DOE) <input type="checkbox"/> Establish KPIVs & Y Performance Objectives <input type="checkbox"/> ID Alternative Solutions <input type="checkbox"/> Determine Optimal Solution (Pay Off Matrix, DOE) <input type="checkbox"/> Update FMEA <input type="checkbox"/> Cost/Benefit Analysis <input type="checkbox"/> Develop & Implement Pilot Plan <input type="checkbox"/> Validate Should Be Process <input type="checkbox"/> Update New Standards & Process Map/Value Stream Map <input type="checkbox"/> Review of Daily Deliverables & Project Champion Approval	Start Date: <input type="checkbox"/> Establish or Update Standard Work Instructions (OIS, QPS, WES) with New Requirements and ISPCs, Single Point Lesson <input type="checkbox"/> Apply Error Proofing <input type="checkbox"/> Develop Control Metrics (SPC) on KPIVs <input type="checkbox"/> Develop Monitor Plan (SPM) on KPOV <input type="checkbox"/> Develop Long Term MSA Plan <input type="checkbox"/> Establish or Update Training Plan <input type="checkbox"/> Train New Standards & Process <input type="checkbox"/> Validate Control Plan by Process Owner <input type="checkbox"/> Establish Audit Plan <input type="checkbox"/> Review of Daily Deliverables & Project Champion Approval <input type="checkbox"/> OCM Report Out

Fig-3

6-Sigma Kaizen Level 3
(Stronger Focus on Green)
Daily Deliverables

Monday (Day 1) Define	Tuesday (Day 2) Measure	Wednesday (Day 3) Analyze	Thursday (Day 4) Improve	Friday (Day 5) Control
Start Date: <input type="checkbox"/> Review Problem Statement w/defect(s) (Meas. system) <input type="checkbox"/> ID Customers/CTQs <input type="checkbox"/> Estimate Customer Satisfaction/COPQ Impact <input type="checkbox"/> Benchmark MSA <input type="checkbox"/> Develop High Level Process Map (QPS) <input type="checkbox"/> ID KPOV Metrics (QPS/SDS>Ys) <input type="checkbox"/> Review & ID 7 Types of Waste <input type="checkbox"/> Review Value Stream Map <input type="checkbox"/> Access Waste Elimination Tools (5S/FTPM/QCQ/Error Proof VF Opportunities) <input type="checkbox"/> Y=f(x) <input type="checkbox"/> ID Project Scope (Y=f(x)) <input type="checkbox"/> Create Project Timeline <input type="checkbox"/> Daily Deliverables & Project Champion Approval	Start Date: <input type="checkbox"/> Brainstorm KPIVs (Xs) 7TW/5S/PM/QCQ/QPS <input type="checkbox"/> Develop Data Collection Plan <input type="checkbox"/> Analyze & Validate Measurement System (Calibration & Gage R&R) <input type="checkbox"/> Perform or Review FMEA <input type="checkbox"/> Collect Data <input type="checkbox"/> Establish Baseline DPMO/Sigma Level <input type="checkbox"/> Access SPC for Special Causes <input type="checkbox"/> Access Normality <input type="checkbox"/> Calculate Cpk <input type="checkbox"/> ID Lean & Project Objectives <input type="checkbox"/> Review of Daily Deliverables & Project Champion Approval	Start Date: <input type="checkbox"/> Micro Level Process Map (QPS/WES) <input type="checkbox"/> Quantify KPIVs & Improvement Opportunities <input type="checkbox"/> Root Cause Analysis (Hypothesis Testing) <input type="checkbox"/> Error Proof (EP) Opportunities <input type="checkbox"/> Define Performance Objectives <input type="checkbox"/> Review of Daily Deliverables & Project Champion Approval	Start Date: <input type="checkbox"/> Diagnose KPIVs & Y Performance <input type="checkbox"/> Establish KPIVs & Y Performance Objectives <input type="checkbox"/> ID Alternative Solutions <input type="checkbox"/> Determine Optimal Solution (Pay Off Matrix) <input type="checkbox"/> Update FMEA <input type="checkbox"/> Cost/Benefit Analysis <input type="checkbox"/> Develop & Implement Pilot Plan <input type="checkbox"/> Validate Improvements <input type="checkbox"/> Update New Process Map/Value Stream Map <input type="checkbox"/> Review of Daily Deliverables & Project Champion Approval	Start Date: <input type="checkbox"/> Apply Error Proofing <input type="checkbox"/> Develop Control Metrics (SPC) on KPIVs <input type="checkbox"/> Develop Monitor Plan (SPM) on KPOV <input type="checkbox"/> Develop Long Term MSA Plan <input type="checkbox"/> Establish or Update SOPs, Single Point Lesson, FTPM/PM <input type="checkbox"/> Establish or Update Training Plan <input type="checkbox"/> Train New Process <input type="checkbox"/> Validate Control Plan by Process Owner <input type="checkbox"/> Establish Audit Plan <input type="checkbox"/> Review of Daily Deliverables & Project Champion Approval

☐ OCM Report Out

Fig - 4

6-Sigma Kaizen Level 4
(Stronger Focus on Purple)
Daily Deliverables

Monday (Day 1) Define	Tuesday (Day 2) Measure	Wednesday (Day 3) Analyze	Thursday (Day 4) Improve	Friday (Day 5) Control
Start Date: <input type="checkbox"/> Review Problem Statement w/defect(s) (Meas. system) (Stability, Centering, Entitlement) <input type="checkbox"/> ID Customers/CTQs <input type="checkbox"/> Estimate Customer Satisfaction/COPQ Impact <input type="checkbox"/> Benchmark Process & Product Overtime <input type="checkbox"/> Develop High Level Process Map (QPS) <input type="checkbox"/> ID KPOV Metrics (QPS/SDS>Ys) <input type="checkbox"/> Review & ID 7 Types of Waste <input type="checkbox"/> Review Value Stream Map <input type="checkbox"/> Access Waste Elimination Tools (5S/FTPM/QCCO/Error Proof VF Opportunities) <input type="checkbox"/> Y=f(x) <input type="checkbox"/> ID Project Scope (Y=f(x)) <input type="checkbox"/> Create Project Timeline <input type="checkbox"/> Daily Deliverables & Project Champion Approval	Start Date: <input type="checkbox"/> Brainstorm KPIVs (Xs) 7TW/5S/FTPM/QCCO/QPS <input type="checkbox"/> Develop Data Collection Plan <input type="checkbox"/> Analyze & Validate Measurement System (Calibration & Gage R&R) <input type="checkbox"/> Perform or Review FMEA <input type="checkbox"/> Collect Data <input type="checkbox"/> Establish Baseline DPMO/Sigma Level <input type="checkbox"/> Access SPC for Special Causes <input type="checkbox"/> Access Normality <input type="checkbox"/> Calculate Cpk <input type="checkbox"/> ID Lean & Project Objectives <input type="checkbox"/> Review of Daily Deliverables & Project Champion Approval	Start Date: <input type="checkbox"/> Micro Level Process Map (QPS/WES) <input type="checkbox"/> Quantify KPIVs & Improvement Opportunities (DOE) <input type="checkbox"/> Evaluate Correlations <input type="checkbox"/> Establish Relationships & Dependency Y=f(x) (Regression) <input type="checkbox"/> Hypothesis Testing <input type="checkbox"/> Root Cause Analysis <input type="checkbox"/> Error Proof (EP) Opportunities <input type="checkbox"/> Define Performance Objectives <input type="checkbox"/> Review of Daily Deliverables & Project Champion Approval	Start Date: <input type="checkbox"/> Diagnose KPIV, KPOV & EP Performance <input type="checkbox"/> Establish KPIV Performance Objectives <input type="checkbox"/> ID Alternative Solutions <input type="checkbox"/> Determine Optimal Solution (DOE & Pay Off Matrix) <input type="checkbox"/> Update PFMEA <input type="checkbox"/> Cost/Benefit Analysis <input type="checkbox"/> Develop & Implement Pilot Plan <input type="checkbox"/> Validate Improvements <input type="checkbox"/> Update New Process Map/Value Stream Map <input type="checkbox"/> Review of Daily Deliverables & Project Champion Approval	Start Date: <input type="checkbox"/> Apply Error Proofing <input type="checkbox"/> Develop Control Metrics (SPC) on KPIVs <input type="checkbox"/> Develop Monitor Plan (SPM) on KPOV <input type="checkbox"/> Develop Long Term MSA Plan <input type="checkbox"/> Establish or Update SOPs, Single Point Lesson, FTPM/PPM <input type="checkbox"/> Establish or Update Training Plan <input type="checkbox"/> Train New Process <input type="checkbox"/> Validate Control Plan by Process Owner <input type="checkbox"/> Establish Audit Plan <input type="checkbox"/> Review of Daily Deliverables & Project Champion Approval <input type="checkbox"/> OCM Report Out

Fig - 5